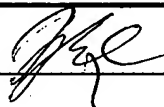
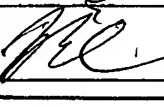
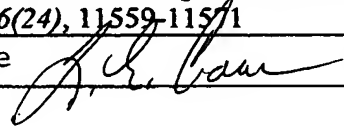




Sheet 1 of 8


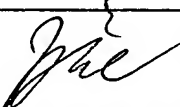



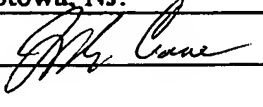
Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. ISIS-5429	Application No. 10/806,774
	Applicant Achim H. Krotz, et al.	
	Filing Date March 23, 2004	Group Art Unit 1623 Not Yet Assigned
	Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1	Alul, R.H. et al., "Oxalyl-CPG: a labile support for synthesis of sensitive oligonucleotide derivatives", <i>Nuc. Acid Res.</i> , 1991, 19, 1527-1532 (Iss. No. 7).
	2	Atkinson, et al., "Solid-phase synthesis of oligonucleotides by the phosphate trimer method," Ch. 3 in <i>Oligonucleotide Synthesis - A practical approach</i> , Gait (Ed.), IRL Press, Washington, DC, 1985, only title and text pages 35-81 supplied
	3	Berner, S. et al., "Studies on the role of tetrazole in the activation of phosphoramidites", <i>Nucl. Acids Res.</i> , 1989, 17, 853-864 (Iss. No. 3).
	4	Bielinska, A. et al., "Regulation of Gene Expression with Double-Stranded Phosphorothioate Oligonucleotides", <i>Science</i> , 1990, 250, 997-1000 (Nov. 16, 1990).
	5	Brill, W.K. et al., "Synthesis of of oligodeoxynucleoside phosphorodithioates via thioamidites", <i>J. Am. Chem. Soc.</i> , 1989, 111, 2321-2322
	6	Brill, W.K.D. et al., "Synthesis of Deoxydinucleoside Phosphorodithioates", <i>J. Am. Chem. Soc.</i> , 1991, 113, 3972-3980 (Iss. No. 10).
	7	Brown, T. et al., "Modern machine-aided methods of oligodeoxyribonucleotide synthesis", <i>Oligonucleotides and Analogs</i> , Eckstein, F., ed., IRL Press, 1991, Chapter 1, 1-24
	8	Connolly, "Oligonucleotides containing modified bases," Ch. 7 in <i>Oligonucleotides and Analogues - A Practical Approach</i> , Eckstein (Ed.), IRL Press, New York, NY, 1991, only title and text pages 155-183 supplied
	9	Conway, et al., "Site-specific attachment of labels to the DNA backbone," Ch. 9 in <i>Oligonucleotides and Analogues - A Practical Approach</i> , Eckstein (Ed.), IRL Press, New York, NY, 1991, only title and text pages 211-239 supplied
	10	Cook, P.D., "Medicinal chemistry of antisense oligonucleotides - future opportunities", <i>Anti-Cancer Drug Design</i> , 1991, 6, 585-607
EXAMINER L. E. Crane		DATE CONSIDERED 07/07/2005

! Month of publication data not supplied or could not be determined from the copy supplied. © 2004 WW

Form PTO-1449 Modified		Docket No. ISIS-5429	Application No. 10/806,774
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Achim H. Krotz, et al.	
U.S. Department of Commerce Patent and Trademark Office		Filing Date March 23, 2004	Group Art Unit 1623 Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	11	Copy of the EPO Supplementary European Search Report dated May 15, 2003 (EP 99 90 8511)	
	12	Dahl, B.H. et al., "Mechanistic studies on the phosphoramidite coupling reaction in oligonucleotide synthesis. I. Evidence for nucleophilic catalysis by tetrazole and rate variations with the phosphorus substituents", <i>Nucl. Acids Res.</i> , 1987, 15, 1729-1743	
	13	Dahl, O., "Preparation of Nucleoside Phosphorothioates, Phosphorodithioates and Related Compounds", <i>Sulfur Reports</i> , 1991, 11(1), 167-192	
	14	Delgado, C. et al., "The Uses and Properties of PEG-Linked Proteins", <i>Crit. Rev. in Therapeutic Drug Carrier Sys.</i> , 1992, 9, 249-304	
	15	Eckstein, F., "Nucleoside Phosphorothioates", <i>Ann. Rev. Biochem.</i> , 1985, 54, 367-402	
	16	Efimov, V.A. et al., "New efficient sulfurizing reagents for the preparation of oligodeoxyribonucleotide phosphorothioate analogues", <i>Nucl. Acids Res.</i> , 1995, 23, 4029-4033 (Issue No. 20).	
	17	Englisch, U. et al., "Chemically Modified Oligonucleotides as Probes and Inhibitors", <i>Angew. Chem. Int. Ed. Eng.</i> , 1991, 30, 613-629 (June, 1991).	
**	18	Gait, "An introduction to modern methods of DNA synthesis," Ch. 1 in Oligonucleotide Synthesis - A Practical Approach, Gait (Ed.), IRL Press, Washington, DC, 1984, only pages 1-22 and index/title supplied	
**	19	Horn et al., "Forks and Combs and DNA: the synthesis of branched oligonucleotides", <i>Nuc. Acids Research</i> , 1989, 17, pp. 6959-6967.	
**	20	Horn, et al., "Solid support hydrolysis of apurinic sites in synthetic oligonucleotides for rapid and efficient purification on reverse-phase cartridges," <i>Nucleic Acids Res.</i> , 1988, 16(24), 11559-11571	
EXAMINER L. E. Crane 		DATE CONSIDERED 07/07/2005	

© 2004 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. ISIS-5429	Application No. 10/806,774
		Applicant Achim H. Krotz, et al.	
		Filing Date March 23, 2004	Group Art Unit 1623 Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
**	21	Horn, et al., "Chemical synthesis and characterization of branched oligodeoxyribonucleotides (bDNA) for use as signal amplifiers in nucleic acid quantification assays," <i>Nucleic Acids Res.</i> , 1997, 25(23), 4842-4849	
**	22	Horn, et al., "The synthesis of branched oligonucleotides as signal amplification multimers for use in nucleic acid assays," <i>Nucleosides & Nucleotides</i> , 1989, 8(5&6), 875-877	
	23	Iyer, R.P. et al., "3H-1,2-Benzodithiole-3-one 1,1-Dioxide as an Improved Sulfurizing Reagent in the Solid-Phase Synthesis of Oligodeoxyribonucleoside Phosphorothioates", <i>J. Am. Chem. Soc.</i> , 1990, 112, 1253-1254	
	24	Iyer, R.P. et al., "The Automated Synthesis of Sulfur-Containing Oligodeoxyribonucleotides Using 3H-1,2-Benzodithiol-3-one 1,1-Dioxide as a Sulfur-Transfer Reagent", <i>J. Org. Chem.</i> , 1990, 55, 4693-4699 (Iss. No. 15).	
	25	Kamer, P.C.J. et al., "An Efficient Approach Toward the Synthesis of Phosphorothioate Diesters via the Schonberg Reaction", <i>Tetrahedron Letts.</i> , 1989, 30, 6757-6760 (Issue No. 48).	
	26	Kresse, J. et al., "The use of S-2-cyanoethyl phosphorothioate in the preparation of oligo 5'-deoxy-5'-thiothymidylates", <i>Nucl. Acids Res.</i> , 1975, 2(1), 1-9 (Jan., 1975).	
	27	Kroschwitz, J.I. (ed.), "Polynucleotides", <i>Concise Encyclopedia of Polymer Science and Engineering</i> , John Wiley & Sons, New York, 1990, 858-859	
**	28	Krotz, et al., "Synthesis and deprotection of β-silylethyl protected O, O, O- and O, O, S-trialkylphosphorothioates," <i>Tetrah. Letts.</i>, 1996, 37(12), 1999-2002	
**	29	Krotz, et al., "Phosphorothioate oligonucleotides: largely reduced (N-1)-Mer and phosphodiester content through the use of dimeric phosphoramidite synthons," <i>bioorganic & Medicinal Chem. Letts.</i>, 1997, 7(1), 73-78	
**	30	Krotz, et al., "Phosphorothioates: β-fragmentation versus β-silicon effect," <i>Angewandte Chemie Intl. Ed.</i>, 1995, 34(21), 2406-2409	
EXAMINER L. E. Crane		DATE CONSIDERED 07/07/2005	

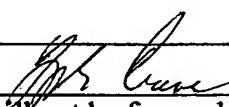
Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. ISIS-5429	Application No. 10/806,774
		Applicant Achim H. Krotz, et al.	
		Filing Date March 23, 2004	Group Art Unit 1623 -- Not Yet Assigned --
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	31 !	Nielsen, J. et al., "Thermal Instability of Some Alkyl Phosphorodiamidites", <i>J. Chem. Res.</i> , 1986, S, 26-27	
	32 !	Ouchi, T. et al., "Synthesis and Antitumor Activity of Poly(Ethylene Glycol)s Linked to 5'-Fluorouracil via a Urethane or Urea Bond", <i>Drug Des. & Disc.</i> , 1992, 9, 93-105	
	33 !	Paul, C.H., et al., "Acid binding and detritylation during oligonucleotide synthesis," <i>Nucleic Acids Research</i> , 1996, Vol. 24, No. 15, 3048-3052.	
	34 !	Rao, M.V. et al., "Dibenzoyl Tetrasulphide-A Rapid Sulphur Transfer Agent in the Synthesis of Phosphorothioate Analogues of Oligonucleotides", <i>Tetrahedron Letts.</i> , 1992, 33, 4839-4842 (Issue No. 33).	
	35 !	Ravasio, N. et al., "Selective Hydrogenations Promoted by Copper Catalysts. 1. Chemoselectivity, Regioselectivity, and Stereoselectivity in the Hydrogenation of 3-Substituted Steroids", <i>J. Org. Chem.</i> , 1991, 56, 4329-4333 (Issue No. 13).	
**	36	Ravikumar, et al., "Efficient synthesis of deoxyribonucleotide phosphorothioates by the use of DMT cation scavenger," <i>Tetrah. Letts.</i>, 1995, 36(37), 6587-6590	
	37	Secrist, J.A. et al., "Synthesis and Biological Activity of 4'-Thionucleosides", <i>10th International Rountable: Nucleosides, Nucleotides and their Biological Applications</i> , Sept. 16-20, 1992, Abstract 21, Park City, Utah, 40	
	38 !	Sekine, M. et al., "Synthesis and Properties of S,S-Diaryl Nucleoside Phosphorodithioates in Oligonucleotide Synthesis", <i>J. Org. Chem.</i> , 1979, 44(13), 2325-2326	
**	39	Septak, "Kinetic studies on depurination and detritylation of CPG-bound intermediates during oligonucleotide synthesis," <i>Nucleic Acids Res.</i>, 1996, 24(15), 3053-3058	
	40 !	Sinha, N.D., "Large-Scale Oligonucleotide Synthesis Using the Solid-Phase Approach," Chapter 18, pp. 437-463, from <i>Methods in Molecular Biology</i> , Vol. 20: <i>Protocols for Oligonucleotides and Analogs</i> , Edited by S. Agrawal, 1993 Humana Press Inc., Totowa, NJ.	
EXAMINER L. E. Crane 		DATE CONSIDERED 07/07/2005	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. ISIS-5429	Application No. 10/806,774
		Applicant Achim H. Krotz, et al.	
		Filing Date March 23, 2004	Group Art Unit 1623 Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	41	Sproat, et al., "2'-O-methyloligoribonucleotides: Synthesis and applications," Ch. 3 in Oligonucleotides and Analogues - A Practical Approach, Eckstein (Ed.), IRL Press, New York, NY, 1991, only title and text pages 49-86 supplied	
**	42	Sproat, et al., "Solid phase synthesis of oligodeoxynucleotides by the phosphotriester method," Ch. 4 in Oligonucleotide Synthesis - A Practical Approach, Gait (Ed.), IRL Press, Washington, DC, 1985, only title and text pages 83-115 supplied	
pre	43	Vu, H. et al., "Internucleotide Phosphite Sulfurization with Tetraethylthiuram Disulfide. Phosphorothioate Oligonucleotide Synthesis via Phosphoramidite Chemistry", <i>Tetrahedron Letts.</i> , 1991, 32, 3005-3008 (Iss. No. 26).	
	44	Wright, P. et al., "Large Scale Synthesis of Oligonucleotides via phosphoramidite Nucleosides and a High-loaded Polystyrene Support", <i>Tetrahedron Letts.</i> , 1993, 34, 3373-3376 (Issue No. 21).	
	45	Wu, H. et al., "Inhibition of in vitro transcription by specific double-stranded oligodeoxyribonucleotides", <i>Gene</i> , 1990, 89, 203-209	
	46	Xu, Q. et al., "Efficient introduction of phosphorothioates into RNA oligonucleotides by 3-ethoxy-1,2,4-dithiazolidine-5-one (EDITH)", <i>Nucl. Acids Res.</i> , 1996, 24, 3643-3644 (Iss #18)	
	47	Xu, Q. et al., "Use of 1,2,4-dithiazolidine (DtsNH) and 3-ethoxy-1,2,4-dithiazolidine-5-one (EDITH) for synthesis of phosphorothioate-containing oligodeoxyribonucleotides", <i>Nucl. Acids Res.</i> , 1996, 24, 1602-1607 (Issue NO. 9).	
pre	48	Yau, E.K. et al., "Synthesis of Dinucleoside and Dinucleotide Phosphorodithioates Via a Phosphotriester Approach", <i>Tetrahedron Letts.</i> , 1990, 31, 1953-1956 (Iss. #44)	
@@	49	Ausubel et al. (eds.), <i>Current Protocols in Molecular Biology</i> , Current Publications, 1993	
@@	50	Eckstein, F. (ed.), <i>Oligonucleotides and Analogues A Practical Approach</i> , IRL Press, New York, 1991	
EXAMINER L. E. Crane		DATE CONSIDERED 07/07/2005	

* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

@@ Document not considered: specific page section and line not specified.

© 2004 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. ISIS-5429	Application No. 10/806,774
		Applicant Achim H. Krotz, et al.	
		Filing Date March 23, 2004	Group Art Unit 1623 Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
•	@@	51	Greene and Wuts, <i>Protective Groups in Organic Synthesis</i>, 2d. Ed., John Wiley & Sons, New York, 1991
•	@@	52	Sambrook, J. et al. (eds.), <i>Molecular Cloning, A Laboratory Manual</i>, Second Ed., Cold Spring Harbor Laboratory Press, 1989
•	@@	53	Sanghvi, <i>Antisense Research and Application</i>, Crooke et al. (eds.), CRC Press, 1993
EXAMINER L. E. Crane 		DATE CONSIDERED 07/07/2005	

* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. ISIS-5429		Application No. 10/806,774	
				Applicant Achim H. Krotz, et al.			
				Filing Date March 23, 2004		Group Art Unit 1623 Not Yet Assigned ----	
				Confirmation No. Not Yet Assigned			
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
**	54	RE 34,069	09/15/92	Köster et al.	536	27	
<i>gpc</i>	55	3,687,808	08/29/72	Merigan et al.	195	28	
<i>gpc</i>	56	4,415,732	11/15/83	Caruthers et al.	536	27	
**	57	4,458,066	07/03/84	Caruthers et al.	536	27	
**	58	4,500,707	02/19/85	Caruthers et al.	536	27	
<i>gpc</i>	59	4,517,338	05/14/85	Urdea et al.	525	54	
	60	4,668,777	05/26/89	Caruthers et al.	536	27	
	61	4,725,677	02/16/88	Köster et al.	536	27	
<i>gpc</i>	62	4,816,571	03/28/89	Andrus et al.	536	27	
**	63	4,973,679	11/27/90	Caruthers et al.	536	27	
**	64	5,026,838	06/25/91	Nokiri, et al.	536	26.70	
**	65	5,132,418	07/21/92	Caruthers, et al.	536	25.34	
<i>gpc</i>	66	5,151,510	09/29/92	Stec et al.	536	27	
	67	5,132,418	07/21/92	Caruthers et al.	536	27	
<i>gpc</i>	68	5,210,264	05/11/93	Yau	558	167	
EXAMINER L. E. Crane <i>L. E. Crane</i>				DATE CONSIDERED 07/07/2005			

© 2004 WW

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. ISIS-5429		Application No. 10/806,774	
				Applicant Achim H. Krotz, et al.			
				Filing Date March 23, 2004		Group Art ^{Unit} 1623 1623 Not Yet Assigned	
				Confirmation No. Not Yet Assigned			
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
<i>Me</i>	69	5,212,295	05/18/93	Cook	536	26.7	
	70	5,216,141	06/01/93	Benner	536	27.13	
<i>Me</i> AA	71	5,292,875	03/08/94	Stec et al.	536	25.33	
	72	5,548,076	08/20/96	Froehler, et al.	536	25.34	
	73	5,554,746	09/10/96	Ravikumar, et al.	540	200	
	74	5,614,621	03/25/97	Ravikumar, et al.	536	35.34	
	75	5,705,621	01/06/98	Ravikumar	536	23.1	
	76	5,714,597	02/03/98	Ravikumar, et al.	536	25.31	
<i>Me</i> <i>Me</i>	77	6,166,197	12/26/00	Cook et al.	536	24.5	
	78	6,538,128 B1	03/25/03	Zhang, et al.	536	25.3	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
<i>Me</i>	79	0 294 196	12/07/88	EPO			
EXAMINER L. E. Crane <i>L. E. Crane</i>				DATE CONSIDERED 07/07/2005			

Form PTO-892 U.S. Department of Commerce	Serial Number	Group Art Unit	Attachment to Paper Number	
	10/806,774	1623	07082005	
Notice of References Cited	APPLICANT(S) Krotz et al.			

Published U. S. Patent Applications

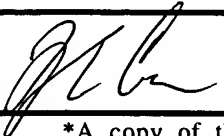
*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate

U. S. Patent Documents

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	Filing Date If Appropriate
*	A	5,705,621 A	01/06/98	Ravikumar	536	023.100	
*	B	5,614,621 A	03/25/97	Ravikumar et al. (I)	536	025.340	
*	C	5,554,746 A	09/10/96	Ravikumar et al. (II)	540	200.000	
*	D	5,510,476 A	04/23/96	Ravikumar et al. (III)	536	025.310	
*	E	5,216,141 A	06/01/93	Benner	536	027.130	
*	F	5,714,597 A	02/03/98	Ravikumar et al. (IV)	536	025.310	
*	G	4,973,679 A	11/27/90	Caruthers et al. (I)	536	025.340	
*	H	5,548,076 A	08/20/96	Froehler et al.	536	025.340	
*	I	4,458,066 A	07/03/84	Caruthers et al. (II)	536	025.340	
*	J	4,500,707 A	02/19/85	Caruthers et al. (III)	536	026.700	
*	K	5,132,418 A	07/21/92	Caruthers et al. (IV)	536	025.340	
*	AA	Re34,069	09/15/92	Köster et al.	536	025.330	
*	AB	5,026,838 A	06/25/91	Nokiri et al.	536	026.700	

Foreign Patent Documents

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS		
	---					-----	-----		


EXAMINER			page 1 of 4
L. E. Crane		07/07/05	¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)			

Form PTO-892 U.S. Department of Commerce	Serial Number 10/806,774	Group Art Unit 1623	Attachment to Paper Number 07082005	
Notice of References Cited	APPLICANT(S)			
	Krotz et al.			

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	R	Ravikumar et al. (V), "Efficient Synthesis of Deoxyribonucleotide Phosphorothioates by the Use of DMT Cation Scavenger," <i>Tetrahedron Letters</i> , 36(37), 6587-6590 (September 11, 1995).
*	S	Krotz et al.(I), "Synthesis and Deprotection of β -Silylethyl Protected O, O, O- and O, O, S-Trialkylphosphorothioates," <i>Tetrahedron Letters</i> , 37(12), 1999-2002 (March 18, 1996).
*	T	Krotz et al. (II), "Phosphorothioate Oligonucleotides: Largely Reduced (N-10-Mer and Phosphodiester Content Through the Use of Dimeric Phosphoramidite Synthons," <i>Bioorganic & Medicinal Chemistry Letters</i> , 7(1), 73-78 (January 7, 1997).
*	U	Krotz et al. (III), "Phosphorothioates: β -Fragmentation Versus β -Silicon Effect," <i>Angewandte Chemie Intl. Ed.</i> , 34(21), 2406-2409 (November 17, 1995).
*	V†	Gait, "An Introduction to Modern Methods of DNA Synthesis," Ch. 1 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , Gait (ed.), IRL Press, Washington, DC, 1984, only pages 1-22 and index/title supplied.
*	W†	Sproat et al. (I), "2'-O-Methyloligoribonucleotides: Synthesis and Applications," Ch. 3 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , Eckstein (ed.), IRL Press, New York, NY, 1991, only title and text pages 49-86 supplied, see especially p. 52.
*	X†	Connolly, "Oligonucleotides Containing Modified Bases," Ch. 7 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , Eckstein (ed.), IRL Press, New York, NY, 1991, only title and text pages 155-183 supplied, see especially p. 157.

† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

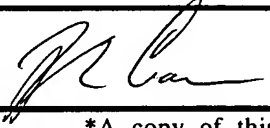
EXAMINER L. E. Crane 	07/07/05	page 2 of 4 ¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

Form PTO-892 U.S. Department of Commerce	Serial Number 10/806,774	Group Art Unit 1623	Attachment to Paper Number 07082005	
Notice of References Cited	APPLICANT(S)			
	Krotz et al.			

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	Y†	Conway et al., "Site-Specific Attachment of Labels to the DNA Backbone," Ch. 9 in <u>Oligonucleotides and Analogues - A Practical Approach</u> , Eckstein (ed.), IRL Press, New York, NY, 1991, only title and text pages 211-239 supplied, see especially p. 218.
*	Z	Atkinson et al., "Solid-Phase Synthesis of Oligonucleotides by the Phosphite Triester Method," Ch. 3 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , Gait (ed.), IRL Press, Washington, DC, July, 1985, only title and text pages 35-81 supplied, see especially p. 80.
*	RA	Sproat et al. (II), "Solid-Phase Synthesis of Oligodeoxynucleotides by the Phosphotriester Method," Ch. 4 in <u>Oligonucleotide Synthesis - A Practical Approach</u> , Gait (ed.), IRL Press, Washington, DC, July, 1985, only title and text pages 83-115 supplied, see especially p. 111.
*	SA†	Septak, "Kinetic Studies on Depurination and Detritylation of CPG-Bound Intermediates During Oligonucleotide Synthesis," <i>Nucleic Acids Research</i> , 24(15), 3053-3058 (1996).††
*	TA	Horn et al. (I), "Solid Support Hydrolysis of Apurinic Sites in Synthetic Oligonucleotides for Rapid and Efficient Purification on Reverse-Phase Cartridges," <i>Nucleic Acids Research</i> , 16(24), 11559-11571 (December 23, 1988).
*	UA	Horn et al. (II), "Chemical Synthesis and Characterization of Branched Oligodeoxyribonucleotides (bDNA) for Use as Signal Amplifiers in Nucleic Acid Quantification Assays," <i>Nucleic Acids Research</i> , 25(23), 4842-4849 (December 1, 1997).

† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

EXAMINER L. E. Crane 	07/07/05	page 3 of 4 ¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)		

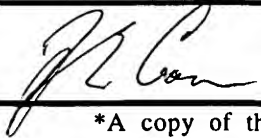
Form PTO-892 U.S. Department of Commerce	Serial Number	Group Art Unit	Attachment to Paper Number	
	10/806,774	1623	07082005	
Notice of References Cited	APPLICANT(S)			
	Krotz et al.			

Other References (Including Author, Title, Date, Pertinent Pages, etc.)

*	VA	Horn et al. (III), "The Synthesis of Branched Oligonucleotides as Signal Amplification Multimers for Use in Nucleic Acid Assays," <i>Nucleosides and Nucleotides</i> , 8(5&6), 875-877 (July/September, 1989).
*	WA	Horn et al. (IV), "Forks and Combs and DNA: The Synthesis of Branched Oligodeoxyribonucleotides," <i>Nucleic Acids Research</i> , 17(17), 6959-6967 (September 12, 1989).†††
	XA†	Perrin et al., <u>Purification of Laboratory Chemicals</u> , Pergamon Press, New York, NY, 1966, only pages 54-55, 74-75, 78-79, 82-93, 96-97, 100-101, 108-113, 118-119, 126-133, 138-141, 158-159, 168-169, 178-179, 184-187, 190-191, 198-199, 202-205, 210-211 and 216-217 supplied.
	YA†	Aldrich Catalog/Handbook of Fine Chemicals, Aldrich Chemical Company, Milwaukee, WI, 1994-1995, only pages 1091-1092, 1094, 1096, 1123, 1308, 1313, 1328, 1359-1360, 1371, 1375, 1380, 1384, 1398-1399, 1401, 1403, 1407, 1423, 1461 and 1462 supplied.
	ZA†	Greene et al., <u>Protective Groups in Organic Synthesis, Second Edition</u> , John Wiley & Sons, New York, NY, 1991, only pages 60-65 supplied.

† Month of publication data is unavailable. Issue Number information is provided whenever possible following the volume number in parentheses.

†† Copy supplied by applicant, but not cited by applicant.

EXAMINER			page 4 of 4
L. E. Crane		07/07/05	¥: Reference not presently available.
*A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)			